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ANNUAL REPORT
OF THE
PUBLIC BUILDINGS DEPARTMENT



1897.

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ANNUAL REPORT

OF THE

PUBLIC BUILDINGS DEPARTMENT

FOR THE

YEAR 1897.



BOSTON:
MUNICIPAL PRINTING OFFICE.
1898.

Boston Public Buildings Dept.,
July 22 - 1898.



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NOTES FOR

OFFICE OF THE SUPERINTENDENT OF PUBLIC BUILDINGS,
OLD COURT HOUSE, ROOM 30,
BOSTON, February 1, 1898.

HON. JOSIAH QUINCY,

Mayor of the City of Boston :

SIR: In compliance with the ordinance relating to the Public Buildings Department, I have the honor to submit the following, which is the annual report of the Superintendent of Public Buildings :

The public buildings in charge of this department, belonging to the city of Boston, number 125, together with 2 leased buildings and 35 rooms in different buildings, variously occupied for city purposes. The City Hall is occupied entirely by the various departments and offices of the city.

The Fire Department requires for its service the use of 63 buildings, occupied as follows :

41 Engine houses.	8 Ladder-truck houses.
6 Chemical-engine houses.	1 Repair-shop.
2 Combination wagon-houses.	3 Fuel-houses.
1 Hose-house.	1 Headquarters.

The buildings in use by the Police Department number 20, 12 of which are in use for police station-houses and 3 for lock-ups ; the remaining police stations, which number 5, are in other city buildings.

This department also has charge of the City Hall (Charlestown District), Faneuil Hall and Faneuil-Hall Mar-

ket-house, Charity Bureau, Old State House, and stables of the Department of Sanitary Police.

Estates numbered 37 Pemberton square, rooms in Exchange building, State street, Tremont building, and Historical building, were occupied for city offices.

The amount expended the past year for rents and taxes for outside property has been \$19,255.16.

The public buildings occupy 1,342,929 square feet of land.

The school-houses owned by the city number 199, occupying 3,969,438 square feet of land.

In addition, 38 buildings were leased for school purposes at a rental of \$25,815.62, and contained 68 school-rooms.

The Court House and County Jail are used for county purposes alone.

The Municipal District Courts number seven, and occupy rooms in city buildings in various sections of the city.

The county buildings cover 232,165 square feet of land.

The expenditure for repairs, alterations, improvements, heating, furnishing, care and cleaning, have been as follows:

Public buildings:

Public buildings	\$139,930 02	
Electrical Construction Division	105,466 68	
Armories	17,813 39	
Architect's Division	8,902 68	
Ward-rooms	6,850 92	
Repairs Division	2,596 70	
	<hr/>	\$281,560 39
County buildings	33,657 77	
School-houses, public buildings	229,941 27	
Public buildings, special appropriations	75,196 64	
School-houses, special appropriations	302,866 97	
Payments by Architect's Division	95,167 16	
	<hr/>	
Total expenditures by department,		<u>\$1,018,390 20</u>

These expenditures in detail are as follows:

PUBLIC BUILDINGS.

Rents and taxes	\$19,255 16
Carpentry, lumber and hardware	10,746 13
	<hr/>
<i>Carried forward</i>	\$30,001 29

<i>Brought forward</i>	\$30,001 29
Salaries	18,088 00
Masonry, paving and drains	2,761 26
Painting and glazing	7,423 02
Whitening and plastering	135 07
Janitor's care and cleaning	22,474 07
Plumbing	6,359 31
Gas and electric light fixtures	385 24
Gas	1,527 58
Electric lighting	12,305 30
Heating and ventilation	4,297 57
Fuel	4,543 40
Furniture	8,763 13
Roofing, gutters and conductors	2,157 58
Bells, locks and teaming	1,486 18
Iron and wire-work	801 08
Water and ice	2,897 10
Board and shoeing of horse, car, and ferry tickets, etc.	692 41
Advertising, printing, stationery, postage, messenger service and telephone	1,485 28
Auxiliary fire-alarm boxes, rental and repairs of	418 95
Awnings, new, and putting up and taking down	568 07
Supplies	2,533 16
New safe	322 00
Tablets	125 00
Elevator, repairs of	438 55
Stair-treads	1,143 00
Plans	2,500 00
City scales, pounds, etc.	169 92
Store-house labor	3,127 50
	<hr/>
	\$139,930 02

Detail of Expenditures.

Repairs on:

City Hall	\$17,783 40
Old Court House	5,949 07
Old Probate building	4,928 79
Old State House	3,854 43
Historical building	4,444 26

Carried forward \$36,959 95

<i>Brought forward</i>	\$36,959 95
Overseers of the Poor:	
Charity Bureau, Wayfarers' Lodge, and	
City Temporary Home	4,491 84
Markets:	
Faneuil Hall and Quincy	3,713 15
Storehouse, Plimpton street	3,139 10
Board of Police:	
Headquarters, Pemberton square	89 25
Fire Department:	
Headquarters, repair shop and engine-	
houses	495 99
Outside offices at printing plant, No. 73 Tre-	
mont street and 994 Washington street	1,471 81
Public Buildings. Miscellaneous:	
City Hall, Charlestown; Curtis Hall, Ja-	
maica Plain; Pound, East Boston; Store-	
house, Wareham street; House, 94	
Roxbury street; Old Town Hall, Dor-	
chester, and Old Smith Street school-	
house	1,362 79
Fuel furnished at the following buildings:	
City Hall, Old Court House, City Hall,	
Charlestown; Curtis Hall, Building, 12	
and 14 Beacon street, Faneuil Hall, Old	
State House, and 37 Pemberton square	4,543 40
Rents and taxes:	
37 Pemberton square, 994 Washington	
street, Exchange building, Lock-up,	
Mattapan, and parts of buildings 32 and	
73 Tremont street	19,255 16
Janitors, engineers and cleaning:	
City Hall, Boston; City Hall, Charlestown;	
Old State House, 37 Pemberton square;	
Old Court House, Faneuil Hall, Curtis	
Hall, Milk Inspector, Old Probate Build-	
ing, Exchange building, 32 and 73 Tre-	
mont street	22,474 07
Salaries	18,088 00
Water and ice:	
City Hall, Old City Hall, Charlestown;	
Old Court House, Old Probate building,	
Faneuil Hall, Milk Inspector and Old	
State House	2,897 10
<i>Carried forward</i>	\$118,981 61

<i>Brought forward</i>	\$118,981 61
Gas :	
City Hall, Old City Hall, Charlestown ; Old Court House, Old Probate building, Faneuil Hall, Milk Inspector and Old State House	1,527 58
Electric lighting :	
City Hall, Old Probate building, Old Court House, and 32 and 73 Tremont street	12,305 30
Supplies for janitors	2,533 16
Board and shoeing of horse, car and ferry tickets	692 41
Teaming, miscellaneous and office supplies .	3,889 96
Total	<u>\$139,930 02</u>

WARD-ROOMS.

Rents	\$3,995 80
Janitors	512 25
Carpenter-work	848 32
Heating and lighting	505 57
Plumbing, painting and masonry	464 88
Teaming, supplies, printing, stationery, etc. .	196 25
Water-rates	70 00
Gas and electric-light fixtures	101 70
Furniture	69 75
Heating apparatus	86 40
	<u>\$6,850 92</u>

Detail of Expenditures.

Ward-room	1	\$8 11
"	2	64 67
"	3	91 37
"	4	8 00
"	5	24 63
"	6	29 50
"	7	51 25
"	8	15 50
"	9	431 79
"	10	4 70
"	11	462 32
"	12	7 50
"	13	568 05
"	14	450 00

<i>Carried forward</i>	<u>\$2,217 39</u>
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<i>Brought forward</i>	\$2,217 39
Ward-room	15	58 00
"	16	525 00
"	17	239 27
"	18	783 53
"	19	180 97
"	20	.	.	.	.	181 54
"	21	.	.	.	.	500 00
"	22	.	.	.	.	735 07
"	23	.	.	.	.	500 75
"	24	.	.	.	.	842 40
"	25	.	.	.	.	44 79
Printing	.	.	.	.	.	10 08
New voting-lists	.	.	.	.	.	10 00
New keys	.	.	.	.	.	11 17
Supplies, etc.	.	.	.	.	.	10 96
						<hr/>
						\$6,850 92

ARMORIES.

Rents and taxes	.	.	.	.	.	\$9,560 00
Heating-apparatus, gas-fitting and plumbing	.	.	.	.	.	191 06
Furniture and furnishings	.	.	.	.	.	50 00
Fuel	.	.	.	.	.	1,695 21
Gas and electric lighting	.	.	.	.	.	862 95
Water-rates	.	.	.	.	.	181 30
Carpentry, locks and bell	.	.	.	.	.	599 83
Rifle practice	.	.	.	.	.	3,822 25
Roofing	.	.	.	.	.	214 85
Painting	.	.	.	.	.	583 64
Advertising and supplies	.	.	.	.	.	22 30
Janitor	.	.	.	.	.	30 00
						<hr/>
						\$17,813 39

Detailed Statement.

Rents :

Headquarters First Brigade, 19 Milk street ; headquarters Second Brigade, 37 Tremont street ; Company A, Fifth Regiment, Congress Hall, Charlestown ; Company L, Sixth Regiment, 7 Green street ; Company D, First Battalion of Cavalry, Bacon's Hall ; Companies A, B, C and D, First Corps of Cadets, 130 Columbus avenue	\$9,560 00
<i>Carried forward</i>	\$9,560 00

<i>Brought forward</i>	\$9,560 00
Rifle practice. Includes rent of rifle range and transportation:	
By First Corps Cadets, Naval Brigade, Cavalry Companies A and D, Fifth Regiment, Companies A and H, Ninth Regiment, Companies A, B, C, D, E and I, Signal Corps, First Brigade; Signal Corps, Second Brigade; First Brigade Staff, Sixth Regiment, Company L, and First Regiment, Companies A, C, D, G, K and L	3,822 25
Water-rates:	
First Corps Cadets, Company D, Ninth Regiment; Company A, Fifth Regiment; Company D, First Battalion of Cavalry .	181 30
Fuel:	
Armories of First Corps Cadets, Company L, Sixth Regiment; Company D, Ninth Regiment; Company D, First Battalion of Cavalry; Company A, Fifth Regiment, and headquarters of First Brigade . . .	1,695 21
Gas:	
Armories of First Corps Cadets, Company L, Sixth Regiment; Company D, Ninth Regiment; Company A and Company D, First Battalion of Cavalry; Company A, Fifth Regiment, and headquarters of First Brigade	854 05
Repairs for the following companies:	
Company A, First Battalion of Cavalry .	109 53
“ D, Ninth Regiment	322 60
“ A, Fifth “	968 25
“ H, “ “	5 18
Headquarters of First and Second Brigades .	21 22
Battery A	55 71
Ancient and Honorable Artillery Company .	156 89
Supplies, etc.	61 20
	<hr/>
	\$17,813 39

PUBLIC BUILDINGS REPAIRS DIVISION.

Pay-roll, janitor, messenger and carpenters .	\$152 75
Iron work	76 27
	<hr/>
<i>Carried forward</i>	\$229 02

<i>Brought forward</i>	.	.	.	.	.	\$229 02
Lumber	.	.	.	.	.	615 71
Rope	.	.	.	.	.	21 43
Stationery	.	.	.	.	.	7 54
Car tickets	.	.	.	.	.	50 00
Machinery and tools	.	.	.	.	.	1,665 83
Plumbing	.	.	.	.	.	7 17
						<hr/>
						\$2,596 70
						<hr/>

ARCHITECT'S DIVISION, OFFICE EXPENSES.

Salaries	.	.	.	.	.	\$7,613 05
Typewriting	.	.	.	.	.	77 70
Board and shoeing of horse, repairs of carriage, etc.	.	.	.	.	.	721 49
Printing, stationery, postage and blue prints	.	.	.	.	.	156 55
Telephone	.	.	.	.	.	162 95
Car fares	.	.	.	.	.	75 00
Drawing materials	.	.	.	.	.	95 94
						<hr/>
						\$8,902 68
						<hr/>

COUNTY BUILDINGS.

Janitors' care, cleaning	.	.	.	.	.	\$3,959 88
Furniture and furnishings	.	.	.	.	.	1,950 27
Electric light	.	.	.	.	.	6,299 29
Fuel	.	.	.	.	.	5,298 43
Gas	.	.	.	.	.	909 90
Carpentry	.	.	.	.	.	2,088 99
Heating apparatus	.	.	.	.	.	1,607 00
Printing	.	.	.	.	.	35 35
Teaming and supplies	.	.	.	.	.	1,046 00
Elevator repairs	.	.	.	.	.	129 40
Painting and glazing	.	.	.	.	.	590 65
Care of lawns	.	.	.	.	.	618 49
Masonry and paving	.	.	.	.	.	1,240 16
Roofing, iron and wire-work	.	.	.	.	.	412 54
Gas and electric fixtures	.	.	.	.	.	926 81
Locks and keys	.	.	.	.	.	123 65
Water and ice	.	.	.	.	.	1,688 60
Telephone system, Court House	.	.	.	.	.	990 00
Plumbing	.	.	.	.	.	3,742 36
						<hr/>
						\$33,657 77
						<hr/>

Detail Statement.

Court House.	.	.	.	.	.	\$23,222	87
Municipal Court, Roxbury	.	.	.	.	.	1,725	88
“ “ Dorchester	.	.	.	.	.	921	23
“ “ Charlestown	.	.	.	.	.	987	63
“ “ East Boston	.	.	.	.	.	1,158	44
“ “ South Boston	.	.	.	.	.	1,628	55
“ “ Jamaica Plain	.	.	.	.	.	454	95
“ “ Brighton	.	.	.	.	.	945	89
County Jail	.	.	.	.	.	2,235	23
Supplies	.	.	.	.	.	377	10
							<hr/>
							\$33,657 77

SCHOOL-HOUSES, PUBLIC BUILDINGS.

Furniture	.	.	.	.	.	\$49,371	07
Carpentry, lumber and hardware	.	.	.	.	.	34,981	33
Heating apparatus	.	.	.	.	.	29,711	36
Ventilation	.	.	.	.	.	10,483	31
Masonry, paving, drains, etc.	.	.	.	.	.	12,075	09
Rents:							
High School, military drill	.	.	.	.	.	\$450	00
Grammar Schools	.	.	.	.	.	4,112	50
Primary Schools	.	.	.	.	.	12,965	45
Evening Drawing Schools	.	.	.	.	.	1,156	00
Kindergartens	.	.	.	.	.	4,931	67
Manual Training	.	.	.	.	.	2,200	00
							<hr/>
							25,815 62
Painting and glazing	.	.	.	.	.	14,766	83
Whitening and plastering	.	.	.	.	.	3,754	90
Blackboards	.	.	.	.	.	3,352	59
Locks, keys and electric bells	.	.	.	.	.	2,399	18
Roofing, gutters and conductors	.	.	.	.	.	5,485	93
Iron and wire-work	.	.	.	.	.	2,250	84
Fire-escapes	.	.	.	.	.	229	50
Sash-elevators	.	.	.	.	.	352	97
Plumbing	.	.	.	.	.	11,114	51
Gas-fitting and electric-light fixtures	.	.	.	.	.	5,205	31
Teaming	.	.	.	.	.	1,178	00
Cleaning buildings and supplies	.	.	.	.	.	629	94
Horseshoeing, board of horses, repairs of carriages and harnesses	.	.	.	.	.	909	41
Salaries	.	.	.	.	.	5,697	50
Printing, stationery and postage	.	.	.	.	.	333	79
Rent and care of auxiliary fire-alarm boxes	.	.	.	.	.	3,156	64
							<hr/>
<i>Carried forward</i>	.	.	.	.	.	\$223,255	62

<i>Brought forward</i>	.	.	.	.	.	\$223,255	62
Cleaning vaults	.	.	.	.	.	1,482	00
Flag-staffs, new, and care of old	.	.	.	.	.	855	86
Disinfectants	.	.	.	.	.	1,432	00
Tablets	.	.	.	.	.	353	25
Fire-extinguishers and fire hose	.	.	.	.	.	759	45
Care of lawns	.	.	.	.	.	566	01
Water-rates	.	.	.	.	.	82	20
Water-filter	.	.	.	.	.	298	50
Electric motors and engines	.	.	.	.	.	797	28
Awnings and messenger service	.	.	.	.	.	59	10
Total for repairs, etc.	.	.	.	.	.	\$229,941	27

Detailed Statement.

Grammar schools	.	.	.	.	.	\$86,632	62
Primary schools	.	.	.	.	.	70,554	90
High schools	.	.	.	.	.	28,093	14
Horace Mann School	.	.	.	.	.	1,583	71
Evening Elementary Schools	.	.	.	.	.	230	09
Evening Drawing School	.	.	.	.	.	2,870	54
Kindergarten Schools	.	.	.	.	.	8,212	77
Manual Training Schools	.	.	.	.	.	13,600	37
School Committee Building	.	.	.	.	.	2,817	22
Not chargeable to any schools	.	.	.	.	.	15,345	91
						\$229,941	27

SPECIAL APPROPRIATIONS, PUBLIC BUILDINGS

DEPARTMENT.

The following amounts on special appropriations on Public Buildings have been expended:

Fire-proofing dome, etc., City Hall	.	.	.	.	.	\$22,918	41
Improvements in Council Chamber and chamber of Board of Aldermen	.	.	.	.	.	271	54
Reconstruction, etc., basement of Old Court House	.	.	.	.	.	229	76
Ward-room, Ward 20	.	.	.	.	.	200	00
“ “ “ 19	.	.	.	.	.	5,000	00
“ “ “ 17	.	.	.	.	.	6,200	88
“ “ “ 7	.	.	.	.	.	5,327	91
Old town hall, Brighton, reconstruction	.	.	.	.	.	1,500	00
Public bath-house	.	.	.	.	.	33,548	14
						\$75,196	64

ARCHITECTURAL DIVISION,

BOSTON, February 1, 1898.

Col. FRED. B. BOGAN,

Supt. of Public Buildings, Boston :

DEAR SIR: All of the buildings under contract and in process of erection at the time of the abolition of the Architect Department, July 1, 1895, have been completed with the exception of the Surgical Building, City Hospital. On this construction there have been numerous tedious delays but it is hoped that by April 1, next, the work will be completed and the building used for hospital purposes.

During the past year, this division has performed the following architectural work for different departments of the city, most of which has been completed or will be within a very short time:

Alterations, piping, boiler-house, City Hospital	\$5,654 99
Alterations, Cudworth School, East Boston	911 23
Alterations, tender's house, Essex street, Brighton	500 00
Alterations, Water Board stable, Albany street,	10,746 54
Alterations, water tower, East Boston	1,393 33
Alterations, dome, etc., City Hall	30,421 95
Alterations, steam mains, Boston City Hospital.	1,222 00
Alterations, ward-room, Ward 19	5,000 00
Alterations, ward-room, Ward 17	6,200 88
Alterations, ward-room, Ward 7	5,327 91
Alterations, plumbing, Charity Building	4,150 00
Alterations, boiler-setting, Parental School	2,920 00
Design for coal-pocket, City Hospital	25,338 00
Design for sanitary, Chestnut Hill	1,348 00
Design for band-stand, North End Park	500 00
Grading, Stoughton District, Grammar School,	2,090 00
Painting, City Hall corridors	1,957 00
Total	<u>\$105,681 83</u>

As most of the above work is in the nature of alterations and as this work is charged for at the rate of 10 per cent. on total cost of the work, the saving to the city on account of architectural commissions would be approximately \$10,000.

For the different departments of the city of Boston there has been performed the following work:

City Messenger Department.—Plans were furnished for movable iron band-stand and also for movable iron review-

ing-stand, to be erected on certain occasions in front of City Hall yard.

Cemetery Department.—Plans and specifications and perspective drawing were furnished at the request of the chairman of this department for a gate lodge, chapel, etc., to be erected at Mt. Hope Cemetery. Estimates of costs were also furnished.

Engineering Department.—On account of property being damaged, through change in grade of Gold street, South Boston, this division was asked to make an examination of the damaged properties, and furnish estimates for repairs to the same.

Health Department.—Complete drawings and specifications have been furnished the Board of Health for the alteration of the morgue building, North Grove street, and estimates have been furnished for the work.

Hospital Department.—This division is still superintending the completion of the Surgical Building, which will be finished in a short time.

This division has been consulted repeatedly by the Trustees on matters pertaining to the heating and ventilating of the old buildings, and on minor architectural matters, and drawings have been furnished and the same followed.

At present the office is engaged in laying-out and furnishing working drawings for the proper heating and ventilating of the new Laundry Building and the new Nurses' Home.

This work alone will result in a saving to the city of approximately \$2,000.

Institutions Department.—A complete set of plans and specifications were furnished the commissioner for the construction of boiler-house and chimney at Deer Island. The work was performed by inmates.

Various drawings have been furnished relative to changes intending to be made on different buildings under the charge of this department.

Different schemes have been worked up for the Trustees for Children, showing arrangements for new dormitory building.

Park Department.—A sheepfold was designed, to be erected at Franklin Park, and a complete set of drawings and specifications furnished. An approximate cost of this structure was \$12,000.

This office has been consulted by the Secretary of this Board at various times, on matters pertaining to buildings.

Estimates have been furnished them for the cost of different buildings to be erected at Franklin Park.

Drawings have also been furnished them, showing possible enlargement of bathing-closet space at Marine Park, South Boston.

Public Buildings Department.—The drawings for the usage of the Massachusetts Historical Society building as an office building for city offices were practically completed by this division, and the system of heating and ventilating the same were worked out.

Drawings have been made, showing practicability of utilizing Old Court House as a part of City Hall.

Various plans have been drawn, showing different arrangements of offices in Old Court House.

When it was contemplated some months ago to put the old Faneuil Hall building in proper repair, this office carefully measured and worked out complete drawings of this building, and a proper system of heating and ventilating and refrigerating for the market part were designed. This old structure had never been measured before, and, as no plans could be found anywhere, this work in itself will prove valuable. The estimated cost of the alterations was in the neighborhood of \$124,296. The architectural commission alone on the perfecting of drawings, etc., would be about two per cent., or \$2,485.

Public Grounds Department.—Estimates have been furnished by this division for the cost of beautifying Copley square.

Street Department.—Plans and specifications, together with estimate for the erection of veterinary hospital at South Yards, has been furnished to the Superintendent. The plans also met with the approval of their veterinary surgeon.

A complete set of plans and specifications have also been furnished the Superintendent for the alterations of the stable and buildings in the Child-street yard, Jamaica Plain.

Plans were also furnished for alteration of stable at West City yard, and the work was done under the direction of the Street Department. The same is also true of plans furnished for the construction of an office building at the Charlestown yard.

All the preliminary studies for new ferry head-house for South Ferry, East Boston side, were worked out by this office and submitted to the Superintendent of Ferries.

This division has also been consulted by the different deputies of the Street Department on architectural matters.

Water Department.—Complete plans and specifications were furnished the Water Commissioner for the construction of an office building at Ashland, Mass. Estimates of cost were also sent to him.

The above department was also advised of the necessary alterations in the Mt. Bellevue water-tower and plans furnished.

On other subjects the Water Commissioner has sought this office for advice.

This division has also been asked, both by His Honor the Mayor and by the different heads of department, to investigate and report on certain matters, among which may be mentioned :

Condition of engines, boilers, etc., printing plant.

Condition of entire Street Department buildings.

Condition of plumbing and heating, Marcella-street Home.

Condition of plumbing, Charity Building.

Condition of garbage plant, Gibson street, Dorchester.

Condition of dredging plant, Whitehall pond.

Condition of heating apparatus, R. G. Shaw School.

Condition of heating apparatus, S. M. Weld School.

Condition of heating apparatus, Hugh O'Brien School.

Condition of heating apparatus, Hyde School.

Condition of heating apparatus, Martin School.

Condition of walls and ceilings, Charity Building.

Condition of floors, etc., Quincy Market.

Expert services. — Under the directions of the Consulting Architect, Prof. F. W. Chandler, this office has carefully gone over all plans and specifications prepared for the construction, heating and ventilating, and plumbing of all the different buildings designed to be erected by the city during the past year, and suggestions have been made, which in most cases have been followed, and have also carefully checked up all orders of additions to or deductions from the different contracts on buildings now in process of erection, and in many cases a considerable saving of money to the city has resulted.

The plans and specifications for the improvement of the heating and plumbing of different schools, to be taken care of under the special loan of \$300,000, were also gone over by this division.

A table showing the balance of appropriations, February 1, 1898, said appropriations having been turned over to this department at the time of the abolition of the Architect Department, said table also showing amount of additions to, or deductions from said contracts, bills which have been paid, and payments on contracts, is herewith appended :

NAME.	Balance of Ap- propriation, Feb. 1, 1897.	Additions to Contracts.	Bills Paid.	Payments on Contracts.	Balance of Ap- propriation, Feb. 1, 1898.	REMARKS.
Brighton High School	\$1,965 70				\$1,965 70	
Grammar Sch.-ho., Bowdoin Dist....	281 64	⁴ \$104 47	\$138 35	\$4,150 91	247 76	
Grammar Sch.-ho., Stoughton Dist.,	1,385 03	453 28		2,065 83	1,349 75	
Grammar Sch.-ho., Mt. Vernon Dist.,	28 30				2 28 30	
Grammar Sch.-ho., North Brighton..	27 31				2 27 31	
Primary Sch.-ho., Emerson Dist. ..	129 89				2 129 89	
Primary Sch.-ho., Genesee st.	6,272 18		¹ 1,126 42	20 62	² 5,145 76	
Primary Sch.-ho., Morton st.	323 99				² 323 99	
Primary Sch.-ho., Canterbury st. ..	818 49		¹ 128 11		² 690 38	
Mechanic Arts High School	3 42				² 3 42	
Fire Dept. Bldg. & Site, So. Boston,	79 92				79 92	
Mecha'ic Arts High Sch., Furnishing,	157 74		¹ 157 74			
New Lunatic Hos- pital	2,358 08	11,870 79	⁶ 1,428 50	44,000 00	³ 10,941 21	
New Buildings, City Hospital...	43,697 96	⁵ 45,383 59	13,519 80	31,271 65	³ 4,978 70	

¹ Expended by School Committee.² Transferred to Appropriation School-houses, improvements in.³ Deficit.⁴ Deduction.⁵ This amount includes contracts let during the year.⁶ Expended by Institutions Commissioner.

ELECTRICAL CONSTRUCTION DIVISION,
11 WAREHAM STREET,

BOSTON, February 1, 1898.

Col. FRED. B. BOGAN,

Superintendent of Public Buildings :

DEAR SIR: I present herewith a report of the business done by the Electrical Construction Division for the year ending January 31, 1898.

Balance Sheet. — Dr.

By stock on hand February 1, 1897	\$4,844 75
By accounts on hand February 1, 1897 (un- finished work	7,180 10
By expenditures for materials	66,236 14
By expenditures for labor	39,230 54
By labor paid direct from City Hospital ap- propriation	6,003 98
	<hr/>
	\$123,495 51

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By bills submitted for collection	\$84,533 07
By accounts on hand January 31, 1898 (un- finished work)	15,273 22
By stock on hand January 31, 1898	11,664 37
By labor paid direct from City Hospital appro- priation	6,003 98
Expenses of this Division	6,020 87
	<hr/>
	\$123,495 51

Expenditures to January 31, 1898.

Stock and materials charged to Public Build- ings Appropriation	\$66,236 14
Labor charged to Public Buildings Appropria- tion	39,230 54
Labor paid direct by City Hospital	6,003 98
	<hr/>
	\$111,470 66

Detailed Statement of Expenditures.

Materials :

To stock, wire cables, etc.	\$21,562 64
Printing and stationery	675 75
	<hr/>

Carried forward \$22,238 39



FIG. 1.—EXTERIOR OF POWER-HOUSE.

<i>Brought forward</i>	\$22,238 39
Electric fans	139 00
Gas and electric fixtures	4,629 08
Carpenter work and stock including all mouldings and hardware	2,496 42
Electric lighting	33 38
Car and railway fares	1,585 50
Telephone service	311 90
Teaming	468 01
Typewriting	195 51
Blue prints	25 51
Iron-work and general supplies	8,767 15
Mason-work	3,634 09
Motors	251 45
Horse-keeping, carriages, etc.	1,008 60
Electric light plant, engines, etc.	13,028 00
Telephones and fixtures	1,967 52
Dynamos	5,331 82
Painting and glazing	93 58
Steamfitting	11 23
Expert services	20 00
	<hr/>
	\$66,236 14
Labor charged to Public Buildings Depart- ment.	39,230 54
Labor paid direct by City Hospital	6,003 98
	<hr/>
	<u>\$111,470 66</u>

Detailed Statement of Receipts.

For work in the different departments chargeable to Public Buildings Department:

Ward-room 9	\$89 09
Ward-room 19	68 90
Sealer Weights and Measures	11 39
Building Commissioners	57 60
Health Department	1 88
Clerk of Committees	92
Law Department	14 10
Probate Building	548 78
City Treasurer	395 34
Lamp Department	106 44
Aldermen's Chamber	60 72

<i>Carried forward</i>	<hr/> \$1,355 16
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<i>Brought forward</i>	.	.	\$1,355	16
Printing Department	.	.	42	92
Election Commissioners	.	.	23	63
Wire Commissioner	.	.	102	72
Room No. 30, Old Court House	.	.	83	96
City Clerk	.	.	39	40
Street Department	.	.	20	51
City Messenger	.	.	169	86
City Auditor	.	.	8	59
Room No. 8, City Hall	.	.	4	72
Common Council Chamber	.	.	62	28
Water Board	.	.	16	74
City Collector	.	.	76	74
Mayor's office	.	.	862	44
Assessors' office	.	.	133	59
Street Commissioners	.	.	269	92
Electrical Construction Division	.	.	82	
Milk Inspector	.	.	3	96
Tremont Building, Street Department	.	.	25	08
Overseers of the Poor	.	.	96	39
Storehouse, Plympton street	.	.	662	87
30 and 32 Tremont street	.	.	1,211	30
Elevators, City Hall	.	.	129	64
Document room, City Hall	.	.	158	59
Dome, City Hall	.	.	46	07
Engine-room, City Hall	.	.	22	76
City Hall, Old Court House, corridors and miscellaneous work,			64	61

\$5,695 27

For work chargeable to departments:

Public Institutions	.	.	\$7,973	27
City Hospital	.	.	29,150	71
Water Department	.	.	823	32
Public Grounds	.	.	208	48
Election Commissioners	.	.	5	86
Police Commissioners	.	.	70	02
School Committee	.	.	2,945	16
Improvements in City Hall	.	.	192	08
Reconstruction, basement of Old Court House	.	.	35	01
City Engineer	.	.	627	04
Street Commissioners	.	.	534	76
Superintendent of Streets	.	.	7,416	44
Superintendent of Printing	.	.	257	63

Carried forward . . . \$50,239 78

\$5,695 27

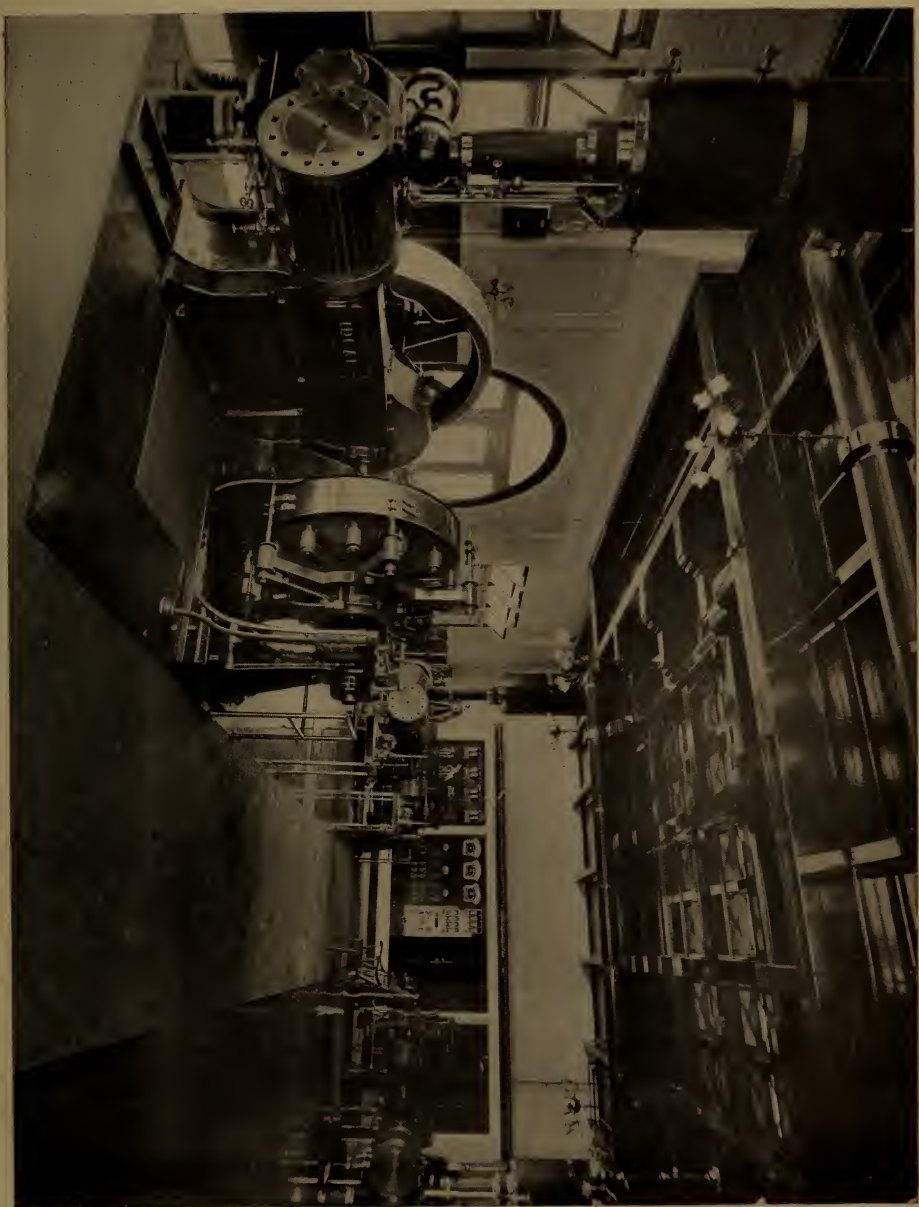


Fig. 2.—ENGINE AND DYNAMO-ROOM.

<i>Brought forward</i>	\$50,239 78	\$5,695 27
Park Commissioners	5,252 96	
State armories	11,638 94	
City Collector	138 27	
Ward-room 19	562 71	
Ward-room 17	892 76	
Markets	121 07	
Overseers of the Poor	3,382 68	
B. F. Sturtevant & Co. (South Armory)	20 63	
Public Library	203 91	
Fire Department	4,399 73	
Dome, City Hall	1,825 77	
City Messenger	158 59	
	— — — — —	78,837 80
Stock on hand		11,664 37
Accounts on hand (unfinished work)		15,273 22
		<u>\$111,470 66</u>

The sum of \$29,742.77 has been expended for work authorized by and charged to special appropriations, of which amount \$26,676.10 is charged to special appropriations for City Hospital Electric Light Plant, and \$3,066.67 to special appropriation for Electric Light Plants for ferry-boats.

The sum of \$15,000 was estimated to cover cost of work to be done for Public Buildings Department, and the expenses of this division for the year 1897. Of this amount \$5,336.66 has been expended for Public Buildings (see previous statement), and \$6,020.87 is charged to expenses of this division leaving a balance of \$3,642.47.

The item of \$6,020.87 for expenses of this division covers our office expenses and inspections of wiring and apparatus throughout the city. These inspections have proved to be of great benefit, in keeping the city's electrical property in safe and proper condition. The city now owns and operates fifteen (15) electric light plants, details of which are given elsewhere, and represent an approximate valuation of \$181,200. This sum representing only the engines and electrical apparatus with the exception of the Deer Island Plant which covers boiler and building. To this should be added the electrical equipment supplied with current from the various illuminating and power companies, and also the private telephone and bell equipments which bring the estimated total up to \$300,000 not including the fire-alarm and police-signal system.

The importance of giving this apparatus the best possible care can be readily seen when due consideration is given to the fact that the use of electricity in some form now enters into the equipment of nearly every building, and that while under reasonable care it is one of the safest forms of energy known to science, it is also true that unless properly installed and cared for it is a constant source of danger.

Much has been accomplished during the past year in the way of investigating and gathering information relative to the city's electrical property, and I would recommend that the work be continued during the ensuing year, as the service can be made of great value to the various departments operating electric plants and apparatus by furnishing them reliable reports from time to time showing what defects exist and at what efficiency their plant is being operated; also any faults of management. I would also recommend that records be kept with a view to learning, if possible, the cost of operating isolated plants. Such records are very scarce and at this time when there is so much argument regarding the advisability of municipal lighting plants the facts are particularly desirable.

During the past year this division has furnished electrical supplies to the various departments to the amount of \$4,407.54.

The division has been badly handicapped by lack of room in which to conduct its business and handle its stock, but it is expected that by April 15 the new stock-room and office in the Old Armory Building, No. 11 Wareham street, will be completed and occupied.

The following descriptions of the principal plants designed and installed by this division since its organization (May, 1896) may be of interest, and prove conclusively that the city of Boston is no longer neglecting to adopt that which other large cities have so long found indispensable, and that greater economy and a much better class of work can be secured by doing the work under its own management.

In making this statement I do not claim that we can enter into competition with contracting firms doing work under their own specifications which means using the cheapest materials and labor.

There is no economy in such construction, as the cost of maintenance and repairs more than offsets the difference in cost of good construction, which can only be accomplished by the use of good materials and first-class labor, both of which it has been my aim to secure.

Yours respectfully,

H. F. COTTLE,

Chief of Electrical Construction Division.

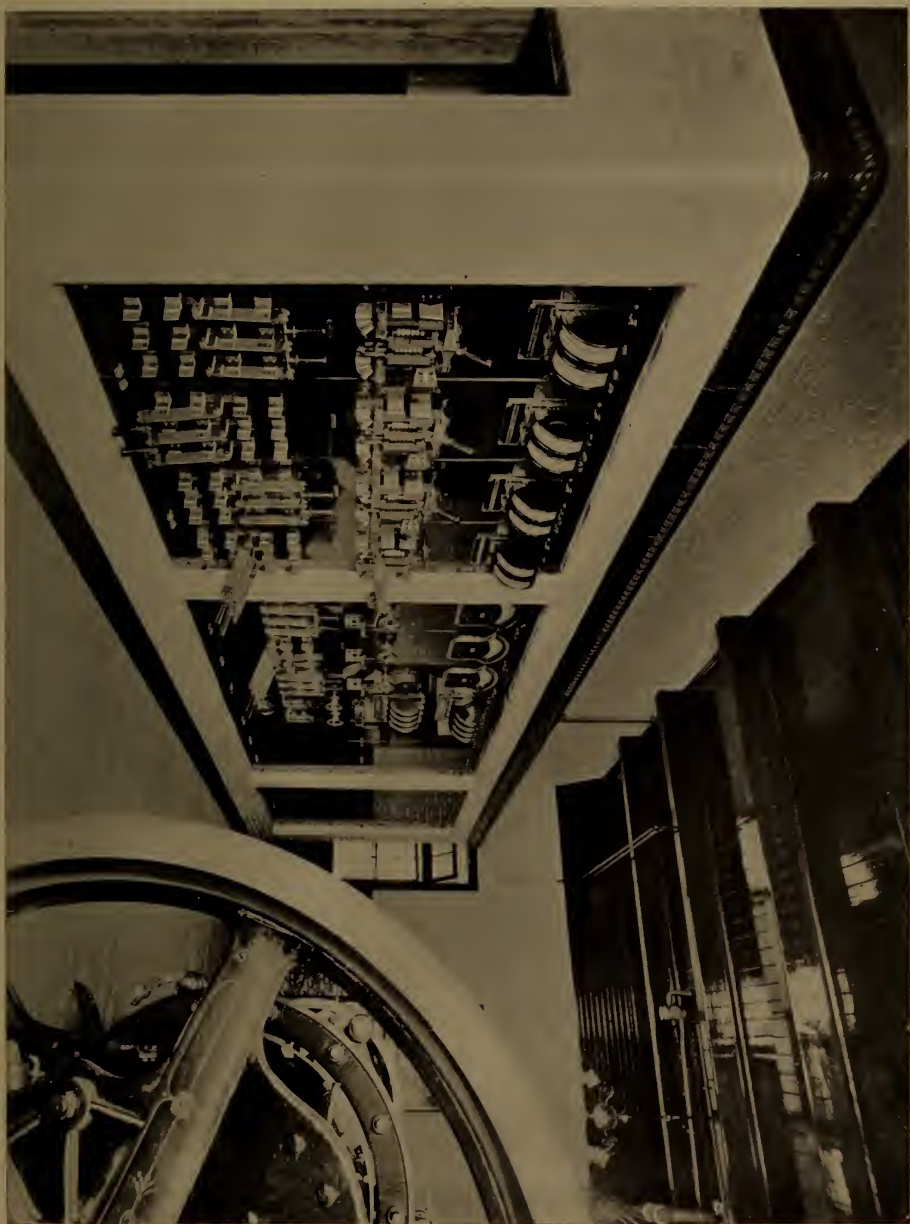


Fig. 3. — SWITCHBOARD

BOSTON CITY HOSPITAL.

This plant, which is considered to be one of the finest in this country, was completed October 14, 1897, and has since been running without mishap of any kind. The plant is located in the new power-house, shown in Fig. 1, situated on the easterly side of Albany street, directly in the rear of the hospital grounds, a plan of which is shown in Fig. 2. The head-house facing on Albany street is 60 by 40 feet and is built of red brick with marble trimmings, from designs by Mr. Edmund M. Wheelwright.

The head-house, marked 21 in Fig. 4, contains the engines and dynamos, while the boilers are installed in a boiler-house, 60 by 50 feet, marked 20 in Fig. 4, in the rear of the head-house, with a tank-room annexed. The stack is of brick, 100 feet in height and five feet inside diameter. The boiler-plant, consisting of six horizontal tubular boilers of 125 h p., each was installed about three years ago and used until recently for heating purposes only. In the rear of the boiler-room is a coal pocket of about 3,500 tons capacity, into which the coal is unloaded directly from the vessel by means of a Hunt conveyor.

Steam is conveyed to the engine-room through a steam main, 12 inches in diameter, with suitable valves to admit live steam into the heating system when necessary.

The engine-room, shown in Fig. 2, is designed for six direct connected units, three of which have been installed. Each unit consists of a 17-inch by 14-inch "Ideal" automatic self-oiling engine, direct connected to an 80 Kilowatt, 220 volt, Siemens & Halske generator. The engines, which run at a speed of 250 revolutions per minute, are designed to operate with an initial steam pressure of 85 lbs., and under a back pressure of 15 lbs. to the square inch, in order to utilize the exhaust steam for heating purposes. This large back pressure is due to the long distances that steam has to be carried in the heating mains. When the steam is not required for heating it is passed through a Berryman feed water-heater and then discharged into the atmosphere. Each engine is piped up with a Stratton separator, and the exhaust steam is passed through an oil separator before entering the heating system. The various steam and recording gauges and clock are mounted on a gauge-board of Tennessee marble.

The switchboard, shown in Fig. 3, is 28 feet in length, and consists of 15 panels of polished black Monson slate, mounted in a white enameled brick setting and topped with an effective cornice. It is arranged in three sections, the

central one of seven panels being used for the generators, and two end sections, each of four panels, which are for the feeders. The central panel carries the switches and rheostat for controlling the motor generator, which is used for balancing the three-wire system and also the volt and ammeters for each side of the system, also showing the total load on the system and on the neutral bus.

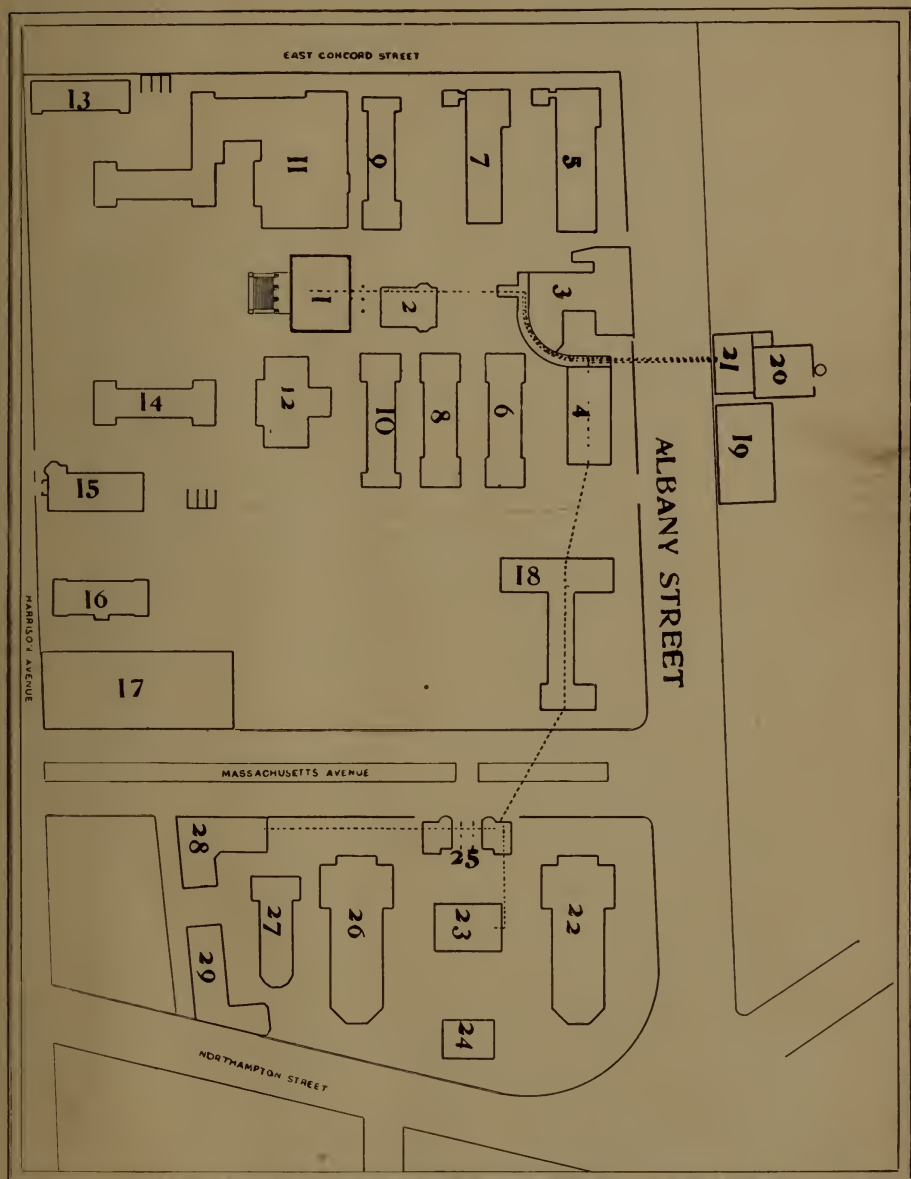
Each of the three generator panels is equipped with a 3-pole 500-ampere knife switch, a field switch and rheostat and an illuminated dial ammeter. Each feeder panel has mounted upon it a 500-ampere double throw knife switch and an edgewise ammeter in each side of the system. Each feeder is provided with a double-coil double-pole I. T. E. circuit breaker, so arranged that an overload between the neutral and either outside pole will open both sides of the system, thus avoiding an excessive load on the motor generator. All safety fuses are mounted on independent slate bases and installed in the rear of the board, where ample space is provided for access. In case of accident to the plant, one or all of the feeders can be thrown on to the street service by reversing the feeder switches, thus making the hospital absolutely sure of service. The walls of the engine and dynamo-room are finished in enameled brick, and the floor is of polished birch and the ceiling paneled. A heavy nickel-plated railing separates the visitors' entrance from the main floor, and affords ample opportunity for viewing the plant without interference with the employés. There are also nickel-plated guard-rails around the engines and generators. A telephone booth, with inter-communicating telephone, connecting with every part of the institution, is also located in the engine-room.

On account of the large area covered by the institution it was found desirable to use the three-wire system, and this is accomplished by running the generators at 220 volts and balancing the neutral wire by means of a 5 K. W. four-pole Siemens & Halske motor generator.

There is also a small auxiliary switchboard in the rear of the main switchboard by which the lights in the power-house and stable adjoining can be transferred to either side of the system in case the system gets out of balance beyond the capacity of the motor generator. As a matter of fact the system is so well balanced that the motor generator takes care of the variations with ease.

From the power-house there are run out four sets of feeders (shown by dotted lines in Fig. 4), dividing the grounds into four sections, the south or contagious departments, the easterly

FIG. 4.—PLAN OF GROUNDS AND BUILDINGS, BOSTON CITY HOSPITAL



end of the old yard, and the medical and surgical sides of the old yard. The various buildings of the institution are connected by ducts for heating pipes and other purposes, and it was the original intention to run the electrical feeders through these ducts, but it was found inadvisable in some places on account of the heat and dampness, so special conduits have been laid across Albany street and Massachusetts avenue. These conduits consist of three-inch steel pipes laid in concrete. Inside the grounds the feeders are carried through the subways on special porcelain insulators bolted to the tops and sides of the subways. At the end of each feeder is a special slate distributing board controlling each circuit. From these distributing boards the mains are distributed to the various wards and buildings. These distributing boards are so arranged that should the system become unevenly balanced the branch circuit connections can be reversed to even up the load. Provision is also made for tying together two or more feeders in case of accident. The wiring loss from switchboard to lamps is figured at five volts. The wiring of the wards and other buildings is done in mouldings, except in the new buildings, in which iron-armored conduit is used. All cut-outs are located outside the wards. There are at present connected to the plant about 4,000 lamps and two motors, but it is intended to extend the use of electricity into many of the branches of hospital service, for which it is so well adapted.

The entire plant has been designed and installed from plans and specifications prepared by this Division, with the single exception of the steam-fitting which was already under the supervision of the Architectural Division. The original appropriation for the work was \$40,000 and was based on a bid made by a firm of electrical contractors, in accordance with plans and specifications prepared by Messrs. Stone & Webster of this city. As the plans contemplated an entirely different system, and as it was also found necessary to lay new conduits as previously mentioned, and also to allow for greater back pressure on the engines and capacity for increasing the plant to meet the growth of the hospital, the sum of \$10,000 additional was allowed, and the work has been completed within the specified amount. Up to the present time no definite figures have been obtainable relative to the cost of operating the plant, but it is the opinion of those in charge of the plant that the consumption of coal and water has increased but very little over that used for heating alone since the plant was started. During the summer months when the exhaust steam is not used for heating, the differ-

ence will probably be more noticeable, but indications seem to point to a highly economical plant. As previously stated it is our intention to procure figures relative to the cost of operation during the ensuing year.

HOUSE OF CORRECTION, DEER ISLAND.

The installation of this plant was begun in August, 1896, and that portion now installed was completed in February, 1897. The plant is located on the north-easterly end of the island, and consists of a substantial brick head-house 30 by 40 feet, with brick boiler-room 40 by 40 feet adjoining it in the rear. The stack is 100 feet in height by 5 feet inside diameter. The building was built by prison labor under the direction of Superintendent Gerrish.

The plant was designed for four boilers and four engines sufficient to light the entire institution, but only one boiler and one engine have been installed to date. The boiler installed is a Campbell-Zell Improved Water Tube safety boiler, tested for 200 pounds steam pressure and guaranteed to develop 120 h.p. As the firing is all done by prison labor which cannot be expected to be skilled or responsible to any extent, the use of a boiler of this type was almost compulsory, notwithstanding the increased cost, and subsequent experience has demonstrated the wisdom of the choice.

The engine is a 12-inch by 14-inch McEwen simple engine, direct connected to a 75 K. W. Thomson Ryan Dynamo, running at 275 R.P.M. The exhaust steam is passed through a National Feed Water-Heater and thence to atmosphere. Back pressure valves were provided so that the exhaust steam might be utilized in heating the new cell-house near by, but up to the present this has not been done. All piping throughout the plant is temporary, as it was not considered advisable to put in permanent piping until the balance of the plant is completed. This is also true of the switchboard which is also temporary. The feed-pump, injector, feed-water heater and back pressure valve are permanent and large enough for the entire plant. Foundations are also in place for the balance of the boilers and engines. The dynamo installed is of a new type, and its operation has been watched with considerable interest by electricians. Tests made by Mr. Chas. E. Davis, C. E., indicate that the dynamo does all that is claimed for it, and that it is a thoroughly reliable machine, absolutely free from sparking under any load and with the brushes in fixed position.



EXTERIOR OF POWER-HOUSE, DEER ISLAND.

At present there are about 1,000 incandescent and two arc lamps connected to the plant; 650 of the above being in the new cell-house and 250 in the hospital, and fifty in the main institution building. The hospital and cell-house are connected with the power-house by lead-covered cables drawn into underground conduits. The lights in the main institution are reached by overhead wires.

The wiring in the new cell-house is done in plain iron pipes, and was the first building in Boston to be equipped in this manner, which has since been generally adopted as a standard method.

There is urgent need of a duplicate equipment for the power-house, for while there has never been any serious interruption to the service, such interruptions should be provided for, both on account of safety and economy. At present it is necessary to keep the apparatus in condition to run at all times, thus leaving no opportunity to make repairs or proper inspection. In case of failure of any portion compelling the plant to shut down, the new cell-house will be without light, and as the building contains about 500 prisoners the effect of leaving it in darkness can be readily seen. Another boiler, engine and dynamo should be added at once, to be used as a reserve outfit.

There is also urgent necessity of lighting the women's dormitory, which is now lighted by kerosene lamps. No additional machinery need be installed for this purpose, there being capacity enough in the present plant.

LONG ISLAND ALMSHOUSE.

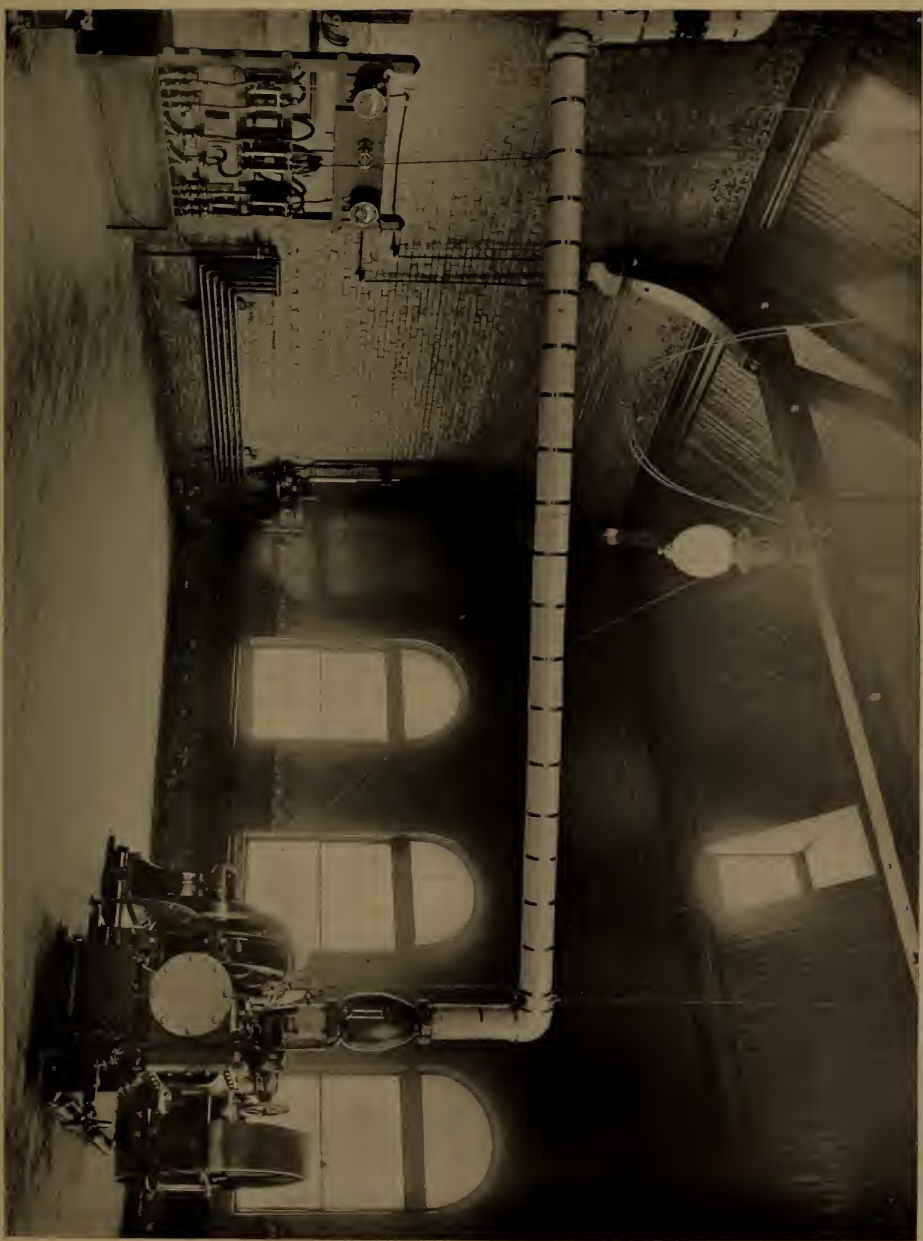
This is an old plant installed several years ago and added to from time to time until it is now badly overloaded and in danger of collapse. Shortly after this division was organized our attention was directed to a report made by the Wire Department concerning the dangerous condition of the wiring.

An examination verified the above report and work was at once commenced to make the plant safe. All the defects in wiring reported have now been corrected and a fire-alarm system installed as recommended. So far as the wiring is concerned the plant is now in good shape, but the plant is badly overloaded beside being poorly situated. I advise the removal of the engines and dynamos to a clean, dry place above grade, and the addition or substitution of apparatus of sufficient capacity to handle the load and any additions likely to be made in the future.

FERRY-BOATS.

During the past year electric lighting plants have been installed on ferry-boats "Winthrop," "D. D. Kelly," and "Revere." The plants have a capacity of 100 lights each, and consist of 8 inches by 6 inches high-speed engines direct connected to 5.75 K. W. dynamos together with condensers, pumps and switchboards. All the fixtures are of the standard U. S. marine type, and all wiring is done according to marine specifications.

Additional to the foregoing are the wiring of the police-steamer "Guardian" for sixty incandescent and one search light; Chestnut-Hill pumping-station 300 lights rewired; English High School wired for 592 lights; Sherwin School 111 lights; North End Park 125 lights; and other work of ordinary nature.



INTERIOR OF POWER-HOUSE, DEER ISLAND.

LIST OF ELECTRIC PLANTS OPERATED BY THE CITY.

LOCATION.	Incond. Lights.	Arc Lights.	Motors.	Boilers.	Engines.	Dynamos.	Capacity in Elec. H.P.	Installed by	Date.
City Hospital	4,000	.....	2	6	3	3	321.7	Electrical Construction Division.....	1897
Public Library	3,127	.....	8	3	3	3	301.0	General Elec. Co. and Siemens & Halske Co. .	1895
House of Correction, Deer Island.....	1,000	2	.....	1	1	1	100.5	Electrical Construction Division.....	1896
Almshouse, Long Island	1,000	.....	4	4	3	3	48.0	J. S. Potter and C. & C. Electrical Co.	1892
Marine Park, City Point.....	181	.....	1	2	1	1	20.0	Hawkes Electrical Co.....	1895
Fire Department, Bristol street	151	.....	.....	2	2	2	30.0	Godfrey Electrical Co.	1894
Steamer "Guardian"	60	1	.....	1	1	1	4.	Electrical Construction Division.....	1896
" "General Hancock"	48	.....	.....	1	1	1	5.	Edison Co.....	1887
" "East Boston"	55	.....	.....	1	1	1	6.	N. E. Weston Electric Light Co.....	1892
" "Winthrop"	81	.....	.....	1	1	1	6.	Electrical Construction Division.....	1897
" "Revere"	81	.....	.....	1	1	1	6.	" "	1897
" "D. D. Kelley"	81	.....	.....	1	1	1	6.	" "	1897
* Water Department, Chestnut Hill	350	4	.....	4	1	1	33.5	" "	1896
* Water Department, West Medford	113	.....	.....	.....	.....	.....	20.0	" "	.....

*Now under control of Metropolitan Water Board.

Number of inspections for year 1897 . . .	1,819
Property covered by above inspections :	
Incandescent lights	15,324
Arc lights	61
Fixtures	8,326
Engines	20
Dynamos	20
Boilers	9
Private telephones	37
Electric bells	2,148
Switchboards	30
Speaking-tubes	952
Batteries	1,905
Private fire alarms	5
Watch-clocks	108
Annunciators	67
Transformers	5

Following are the special appropriations on school-house account expended during the year :

School buildings, improvements in :

Edward Everett	\$8,743	31
Cyrus Alger	8,610	69
Roxbury street	9,941	11
Glenway.	400	40
Freeman	4,263	36
Cushman	1,513	92
Washington street, F. H.	56	70
Savin Hill	36	00
Common street, Charlestown	360	56
Mt. Pleasant avenue	364	05
Lewis	126	00
Chestnut avenue	1,434	23
Mechanic Arts High	1	60
Grant	1,067	81
Hobart street	7,140	59
Mead street	866	58
Bailey street	689	33
Quincy street, Roxbury	2,072	64
Everett, Brighton	36	00
Lowell	4,797	47
Warren	1,061	24
Canterbury street	841	93

Carried forward \$54,425 52

<i>Brought forward</i> . . .	\$54,425	52	
Emerson, city proper . . .	888	64	
Ware	285	50	
Eliot	4,039	35	
Frothingham	371	92	
Dillaway	14,414	65	
Franklin	11,305	46	
Lyman	10,437	17	
Old Edward Everett	9,418	93	
Somerset street	1,778	74	
Prince	19,411	35	
Chapman	1,956	83	
Adams street	5,463	67	
Appleton street	16,883	67	
Capen	15,351	86	
Howe	14,203	83	
Bunker Hill, Grammar . . .	20,088	97	
Bunker Hill, Primary . . .	13,152	67	
Tileston	12,446	01	
Harris	3,711	94	
Emerson, East Boston . . .	15,397	60	
Pormort	573	78	
Salaries	3,667	84	
Teaming	537	54	
Fire extinguishers	2,773	87	
Incidentals	726	27	
			\$253,713 58
Gilbert Stuart school-house, furnishing . . .			1,058 14
Beech-street school-house, furnishing . . .			939 30
Roger Clap school-house, furnishing . . .			3,972 30
New Bowdoin school-house, furnishing and electric lights			8,244 64
Brighton High school-house, furnishing . .			7,205 17
Small wooden buildings:			
Hugh O'Brien school-yard . . .	\$927	54	
Lowell school-yard	779	66	
Munroe-street school-yard . . .	1,478	59	
Chapman school-yard	966	48	
			4,152 27
Allston club-house, furnishing			125 00
Andrews school-house, furnishing			497 57
Small wooden buildings, furnishings:			
Hugh O'Brien	\$1,783	81	
Chapman	1,813	99	
<i>Carried forward</i>	\$3,597	80	\$279,907 97

<i>Brought forward</i>	\$3,597 80	\$279,907 97
Prescott	958 41	
Lowell	862 56	
		<hr/> 5,418 77
Thetford-street school-house, furnishing		2,393 18
Vernon-street school-house building		717 29
Sharp school-house, addition to lot		1,097 96
Longfellow school-house, furnishing		8,531 93
Dillaway school-house, addition to lot		625 85
Robinson-street school-house, furnishing		1,051 50
Primary school-house, Genesee street		1,126 42
Groton-street school-house, paving and fencing yard		1,996 10
		<hr/> <hr/> \$302,866 97

In addition to the foregoing, this department has in charge the contracting for, and the supplying of, the fuel for all departments of the city and county, not otherwise provided for, which include the Police, Fire, Streets, Parks, Health, Public Buildings, Public Libraries, Public Grounds, Paving, Sanitary, Street-Cleaning, Sewer, Bridge, Cemeteries, Gallup's Island, Markets, Police and Fireboats, also the County and District Municipal Courts. Requisitions are made as needed by each department; the amount required is inspected, weighed, and certified to by an employee of this department. The amount delivered to the several departments for the year ending February 1, 1898, is as follows, viz.:

Furnace coal, tons, 7,902	Cannel coal, tons, 79
Egg " " 3,896	Franklin " " 6
Stove " " 1,683	Nut " " 26
Cumberland coal, tons, 6,250	
	<hr/> Total, 19,842
Nova Scotia wood, cords	51
Pine wood, cords	105
	<hr/>
Total	156
Total cost of above	\$94,792 45

INCOME.

The following are the buildings from which rents have been received during the past year, also from other sources, together with the amounts; all of which are in charge of this department:

Faneuil Hall market and cellars and outside stalls	}	\$84,977 80
Faneuil Hall building, stalls and cellar under Faneuil Hall		
Old State House		10,350 00
House, 94 Roxbury street		300 00
Stable, Charlestown District		137 50
Curtis Hall		240 00
Ward-rooms		346 00
Rotunda and offices, Quincy Hall		2,800 00
Town Hall, Dorchester		21 00
Produce Exchange		1,800 00
Rooms in Quincy Hall		500 00
Old Franklin school-house		100 00
Heating Old State House		164 76
Electrical Construction Division		65,828 84

The following list will show the number and location of buildings belonging to and hired by the city, which are under the charge of this department.

Respectfully submitted,

FREDERICK B. BOGAN,
Superintendent of Public Buildings.

PUBLIC BUILDINGS.

Buildings.	Location.	No. of ft. in lot.	Remarks.
City Hall.....	School st.....	25,915	
City Hall.....	City sq., Charles- town	8,246	Police Station No. 15 in this building; also branch of the Public Library, and Municipal Court and Evening Drawing School. Police-wagon stable on this lot.
Faneuil Hall, and market under same	Faneuil Hall sq....	8,460	
Faneuil Hall market- house, and hall over same	North and South Market sts.....	27,400	
Old State House	State st.	4,239	
South City Stables	Albany st.....	90,780	Four build'gs and four sheds.
Highland-st. stables	Highlands.	81,082	Three buildings.
West City stables	North Grove st. ...	33,306	Two buildings.
Curtis Hall	South st., W. R....	49,907	Branch of Public Library in this building.
Offal depot, wharf and dock	Albany st.	39,511	
Repairs Division Work Shop	Wareham st.	8,500	
Old Armory building....	Maverick st.	4,337	Ward-room 2 in this building; upper part leased to Post 159, G.A.R.
Reception-house	North Grove st. ...	11,792	
Paving Dept. yard.....	Hancock street, Ward 20	109,444	Four buildings occupied by Paving Department.
House and land	94 Roxbury st.	4,190	Rents for \$300 per annum.
Central Charity Bureau, } City Temporary Home.. }	Chardon st.	19,962	Boiler and storehouse on lot.
Town Hall	Washington st., Dorchester	16,800	Used for drill hall, Dorchester High School.
Town Hall	Washington st. ...	13,431	Ward-room 25 in this building; other room leased to Post 92, G.A.R. for 5 years, from December 1, 1893.
Stable	Rutherford ave....	17,300	Two buildings occupied by Health Department.
Old bath-house.....	Cabot st.	7,469	Ward-room 18 in this building.
Wayfarers' Lodge	Hawkins st.	9,523	
Church building	Cor. Dudley and Vine sts.	11,592	Ward-room 17 in this building, and Vine-st. Chapel on this lot.
Small-pox Hospital	Canterbury st.	182,168	
Old Franklin Sch'l-house,	Washington st....	11,471	Ward-room Posts 15 and 7, G.A.R., in this building.

PUBLIC BUILDINGS. — *Concluded.*

Buildings.	Location.	No. of ft. in lot.	Remarks.
¹ Old Winthrop school-house.....	Bunker Hill st., Charlestown ...	7,927	Armory and Ward-room 3 in this building. Occupied by city offices.
¹ Old Court House.....	Court sq.....	15,175	
Westerly Hall.....	Centre st., West Roxbury.....	5,644	Public Library Branch in this building.
Stable	Chauncey pl.....		Rents for \$150 per year, on lot with Chauncey-pl. school.
¹ Smith school-house.....	Joy st.	1,938	Leased to Post 134, G.A.R., from January 1, 1893, to January 1, 1899.
¹ Engine-house lot.....	Soley st.....	2,230	
¹ Old Probate Court build- ing.....	Court sq.....	2,423	Occupied by the Street De- partment.
Historical building.....	30 and 32 Tremont st.	25,000	
Ward-room 20.....	Meeting House Hill		On lot with Mather school- house.
Ward-room 19.....	Elmwood st.	5,684	

¹ The above buildings were surrendered to this department, as not wanted for school, fire or county purposes.

In addition to the foregoing, the following property was leased for the use of this department:

Location of Buildings.	Rent.	No. of Rooms.	Occupied by
37 Pemberton sq.	\$5,800 per year and taxes. Police Department pay one-fourth of rent	Whole building.	Police Commissioners and Police Dept. Milk Inspector. Park Commissioners. Vacated April 1, 1897.
994 Washington st.....	\$1,100 per year...	5	
Exchange Building.....	\$2,000 per year...	3	Lock-up, Police Dept.
Mattapan	\$198 per year.....	3	Public Institutions and Street Department. Rent paid till Febru- ary 24, 1897, when city bought the build- ing.
32 Tremont st.	\$9,000 per year...	1st and 2d floors.	
73 Tremont st.....	\$4,053 per year...	12 rooms.....	Law Department.
73 Tremont st.....	\$3,494 per year...	9 rooms.....	Sanitary, Street-Clean- ing and Bridge Divi- sions of the Street Department.
73 Tremont st.....	\$361 per year.....	2 rooms.....	Street-watering Divi- sion of the Street De- partment.

ARMORIES.

The following list will show the location and rents of all armories February 1, 1898, in charge of this department:

Occupied by	Rent per annum.	Location of Armories.
Headquarters, Second Brigade.....	\$900	37 Tremont street.
Company A, Fifth Regiment.....	\$1,200	Congress Hall, Charlestown. Lease expires January 1, 1901.
“ H, “ “	City building.	Hose-house No. 3, Winthrop street, Charlestown.
“ L, Sixth “	\$1,085	7 Green street.
“ D, Ninth “	City building.	Old Winthrop school-house, Bunker Hill street.
“ A, First Batt. of Cavalry..	City building.	Engine-house No. 4, Bulfinch street.
“ D, “ “ “	\$1,200	Bacon's Hall.
“ A, “ Corps of Cadets..	\$4,800	130 Columbus avenue.
“ B, “ “ “ ..		
“ C, “ “ “ ..		
“ D, “ “ “ ..		

COUNTY BUILDINGS.

Buildings.	Location.	No. of ft. in lot.	Remarks.
Court House.....	Pemberton sq....	87,035	Three buildings.
Jail	Charles st.....	130,740	
Municipal Court, Southern District	Roxbury st.....	14,390	Evening Drawing School in this building.
Municipal Court, E. Boston.	High School building.		
“ “ S. Boston.	Corner Dorchester and West Fourth sts.		
“ “ Charlestown.	City sq.		
“ “ Brighton..	Washington st.		
“ “ W. Roxbury.	Station-house 13.		
“ “ Dorchester.	“ 11.		

POLICE STATION-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1.....	Hanover st.....	6,188	
2.....	Court sq.....	2,029	
3.....	Joy st.....	6,100	
4.....	La Grange st.....	5,150	
5.....	East Dedham st.....	3,303	Addition built in 1884.
6.....	West Broadway.....	4,253	
7.....	Meridian st.....	3,773	
8.....	Commercial st.....	5,323	Harbor Police-station.
9.....	Dudley st.....	6,797	Police-wagon stable in this house.
10.....	Pyncheon st.....	6,203	
11.....	Adams st., Ward 20.....	7,500	Court-room and branch of Public Library in this building.
12.....	East Fourth st., near K st. ..	7,217	
13.....	Seaverns ave., cor. Maple place, W. Roxbury.....	9,701	Municipal Court, W. Roxbury District, and patrol-wagon house on this lot.
14.....	Washington st., Brighton....	53,908	Municipal Court, Brighton District, in this building.
15.....	City Hall, Charlestown		
16.....	Boylston st.....	10,486	
Lock-up...	Walnut st., Neponset.....	1,476	
"	Centre st., W. Roxbury.....	1,628	
"	Mattapan.....		Hired at rental of \$198 per year.
Police quarters.	Washington st., Bank building, Dorchester.....	11,640	Branch Public Library in this building.

ENGINE-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester st.....	5,698	Addition built 1874. Municipal Court, Ward-room 15, and two classes, branch of Bigelow School, in the building.
2.....	East Fourth st., cor. O.....	4,000	
3.....	Harrison av., cor. Bristol st.	4,000	Ladder Truck 3 in this building.
4.....	Bulfinch st.....	6,098	Lancers' Armory, Chemical Engine No. 1 and Water Tower in this building.
5.....	Marion st., E. B.....	1,647	
6.....	Leverett st.....	2,269	

ENGINE-HOUSES. — *Concluded.*

	Location.	No. of feet in lot.	Remarks.
No. 7.....	East st.....	1,883	
8.....	Salem st.....	2,568	
9.....	Paris st., E. B.....	4,720	Ladder Truck 2 in this building.
10.....	Mt. Vernon st.....	1,886	
11.....	Saratoga st.....	10,000	Combination 4 in this building.
12.....	Dudley st.....	7,320	
13.....	Cabot st.....	4,832	
14.....	Centre st.....	5,713	
15.....	Dorchester ave.....	2,843	
16.....	River st., Dor. Dist.....	12,736	Ladder Truck 6 in this building.
17.....	Meeting House Hill, D. D.....	9,450	Ladder Truck house on this lot.
18.....	Harvard st., Dor. Dist.....	9,446	
19.....	Norfolk st., Dor. Dist.....	7,683	
20.....	Walnut st.....	9,000	
21.....	Boston st., Dor. Dist.....	9,355	
22.....	Dartmouth st.....	4,463	
23.....	Northampton st.....	3,445	
24.....	Cor. Warren & Quincy sts.,	4,186	
25.....	Fort Hill sq.....	4,175	Ladder Trucks 8 and 14 in this building.
26-35..	Mason st.....	5,623	
27.....	Elm st., Charlestown.....	2,600	
28.....	Centre st., West Roxbury.	10,377	Ladder Truck 10 in this building.
29.....	Chestnut Hill av., Brighton	14,358	Ladder Truck 11 in this building.
30.....	Mt. Vernon st., W. Roxbury	16,275	
32.....	Bunker Hill st.....	8,188	
33.....	Boylston st.....	5,646	Ladder Truck 15 in this building.
34.....	Western ave., Brighton....	4,637	
36.....	Monument st.....	5,668	Combination 5 in this building.
37.....	Cor. Longwood and Brook- line aves.....	5,400	Chemical Engine No. 3 in this building.
38-39..	Congress st.....	4,090	
40.....	Sumner st.....	4,010	
41.....	Harvard ave., Brighton....	6,112	Chemical Engine No. 6 in this building.
42.....	Washington st., bet. Ather- ton and Beethoven sts..	3,846	Chemical Engine No. 5 in this building.
43.....	Andrew sq.....	5,133	Combination 3 in this building.
45.....	Washington st., W. R.....	14,729	Ladder Truck No. 16 in this house.

CHEMICAL ENGINE-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 2.....	Church st.....	3,412	
4.....	Shawmut ave.....	889	
7.....	Chelsea st.....	1,346	
8.....	B st., South Boston.....	1,804	
10.....	Eustis st.....	1,754	
11.....	North Grove st.....	3,918	

COMBINATION WAGON-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester ave.....	4,875	
2.....	East Fourth st.....	3,101	

HOSE-HOUSE.

	Location.	No. of feet in lot.	Remarks.
No. 3.....	Winthrop st.....	3,000	Charlestown.

LADDER-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1.....	Friend st.....	1,676	
4.....	Cor. Winslow & Dudley sts.,	3,923	
5.....	West Fourth st.....	2,469	
7.....	Meeting-House Hill.....		On lot with Engine House 17.
9.....	Main st., Charlestown.....	4,290	Chemical Co. No. 9 in this bldg.
12.....	Tremont st.....	4,350	Chemical Co. No. 12 in this bldg.
13.....	Washington st., near Dover,	1,007	
17.....	Harrison ave.....	2,134	

MISCELLANEOUS. — *Fire Department.*

	Location.	No. of feet in lot.	Remarks.
Repair-shop.....	Albany st.....	23,663	
Fire Department Head- quarters.....	Bristol st.....		
Fuel-house.....	Salem st.....	417	
Fuel-house.....	Main st., Charlesto'n,	2,430	
Lot for ladder-house....	Washington st., Dor.,	6,874	
Fuel-house.....	Dorchester st.....	1,610	
Lot for engine-house....	Centre st., W. Rox...	12,251	

City Scales, located as follows, viz.:

North Scales, Haymarket square.

South Scales, City stables, yard, Albany street.

South Boston Scales, Foundry street and Dorchester avenue.

Roxbury Scales, Eustis and Mall streets.

Brighton Scales, Rockland street, off Washington street.

East Boston Scales, Liverpool street.

West Roxbury Scales, Centre and La Grange streets.

Jamaica Plain Scales, Centre street and Starr lane.

City Pound, located as follows, viz.:

East Boston, Ashley avenue.

SCHOOL-HOUSES.

NAME.	Grade of School.	Location.	No. feet in lot.	When built.	No. of Rooms.	Remarks.
Abby W. May ..	Pr.	Thornton st., R.	11,052	1893	6	Old Agassiz School on this lot.
Aberdeen	Pr.	Chiswick road..	25,000	1897	2	
Adams	Gr.	Sumner st., E.B.	21,000	1836	13 and hall.	
Adams st.....	Pr.	Dorchester.....	44,555	1861	2	
Agassiz	Gr.	Brewer st., W.R.	42,244	1893	12 and hall.	
Andrews	Pr.	Genesee st.....	19,761	1896	9	
Appleton st.....	"	Appleton st.....	18,454	1870	12	

SCHOOL-HOUSES. — *Continued.*

NAME.	Grade of School.	Location.	No. feet in lot.	When built.	No. of Rooms.	Remarks.
Atherton st.....	Pr.	Columbia st., Dor. Dist....	25,087	1872	8	
Auburn	"	School st., Br...	12,340	.....	4	
Bailey st.....	"	Dorchester....	21,838	1880	4	
Baker st.....	"	West Roxbury.	10,464	.....	1	
Baldwin.....	"	Chardon court..	6,130	1864	6	
Bartlett st.....	"	Bartlett st., R...	7,627	1846	6	
Benj. F. Tweed..	"	Cambridge st., Chn.....	16,727	1892	6	
Benjamin Pope.	"	O st., S. B.	20,000	1883	8	
Bennett	Gr.	Chestn't Hill av. Br.	26,648	1874	7 and hall.	
Bennett Branch.	"	Dight'n pl., Br..	9,605	1886	6	
Bigelow.....	"	West Fourth st., S. B.....	21,958	1850	14 and hall.	
Blackinton.....	Pr.	Leyden st., E. B.	29,166	1892	6 and hall.	
Bon Homme Richard	"	Meeting-House Hill, D. D.....	.....	1895	1	On lot with Mather school-house.
Bowditch.....	Gr.	Green st., J. P..	23,655	1891	12 and hall.	
Bowdoin.....	"	Myrtle st.....	10,777	1895	16 and hall.	
Brighton High..	H.	Cambridge st...	41,871	1895	17 & 2 halls.	
Brimmer.....	Gr.	Common st....	11,401	1843	14 and hall.	
Bunker Hill....	"	Baldwin st., Ch.)	19,660	.....	14 and hall.	Ward-room 4 in this building,
Bunker Hill....	Pr.	Bunker Hill st.)			8	
Canterbury st...	"	West Roxbury	20,121	.....	2	
Capen	"	East Sixth st., S. B.	12,354	1871	6	
Chapman.....	Gr.	Eutaw st., E. B.	20,500	1850	13 and hall.	Ward-room 1 in this building.
Chapman an- nex	{ Pr. & MT	" " "	.....	1896	2	In the Chapman school-house yard.
Charlest'n High,	H.	Monum't sq., Ch.	10,247	.....	10 and hall.	
Chas. C. Perkins,	Pr.	St. Botolph st...	16,000	1891	8 and hall.	
Charles Sumner,	Gr.	Ashland st., W. R.	30,000	1877	10 and hall.	
Chauncey pl....	....	Charlestown...	7,410	.....	1	Stable on this lot.
Chestnut ave....	Pr.	West Roxbury..	13,733	.....	2	
Choate Burnh'm,	"	East Third st., S. B.....	17,136	1894	8	
Christo'r Gibson,	Gr.	Mt. Bowdoin, Dor. Dist.....	39,620	1895	14 and hall.	

SCHOOL-HOUSES. — *Continued.*

NAME.	Grade of School.	Location.	No. feet in lot.	When built.	No. of Rooms.	Remarks.
Clinch.....	Pr.	F st., S. B.....	13,492	1871	6	
Comins.....	Gr.	Tremont st., Rox.....	22,169	1856	13 and hall.	
Common st.....	Pr.	Charlestown ...	7,001	.....	6	
Cook.....	"	Groton st.....	10,170	1852	6	
Cottage pl.....	Kg.	Highlands.....	7,094	1859	4	
Cross st.....	Pr.	Charlestown...	1,708	.....	2	
Cudworth.....	"	Paris and Gove sts., E. B.....	25,000	1894	11	
Cushman.....	"	Parmenter st. ...	.....	1867	16	On lot with Han- cock.
Cyrus Alger....	"	W. Seventh st., S. B.....	16,560	1880	8	
Dearborn... ..	Gr.	Dearborn court, Rox.....	36,926	1852	14 and hall.	
Dillaway	"	Kenilworth st., Rox.....	22,824	1882	12 and hall.	
Dorchester ave..	Pr.	Dorchester ave., Ward 24	34,460	.....	4	
Dorchester High,	H.	Dorchester ave., Ward 20.....	59,340	1870	8	
Drake	Pr.	C st., S. B.....	10,260	1869	6	
Dudley.....	Gr.	Dudley st., Rox.	26,339	1874	14 and hall.	
Dwight.....	"	W. Springfi'd st.	19,125	1857	14 and hall.	
E. Boston High..	H.	Meridian st., E. B... ..	13,616	1846	6 and hall.	Library and court- room in this building.
Edward Everett,	Gr.	Sumner st., Ward 20	33,890	1876	10 and hall.	Old Everett school- house on this lot.
Eliot.....	"	N. Bennet st. ...	11,077	1838	14 and hall.	
Emerson.....	"	Prescott st., E. B.....	39,952	1865	16 and hall.	
Emerson.....	Pr.	Poplar st., W. E.	5,924	1861	6	
English High....	H.	Montgomery st.	85,560	1877	39 & 2 halls.	South End Branch of Public Library in this building.
Eustis st.....	Pr.	Roxbury.....	16,165	1895	6	
Everett.....	Gr.	Camden st.....	32,409	1860	14 and hall.	
Everett.....	Pr.	Brentwood st., Br.	44,237	.....	2	
Florence st.....	"	Florence st., W. R.....	25,030	.....	6	Addition built 1890.
Franklin.....	Gr.	Ringgold st.	16,439	1859	14 and hall.	
Freeman	Pr.	Charter st, W. E.	5,247	1868	6	

SCHOOL-HOUSES. — *Continued.*

NAME.	Grade of School.	Location.	No. feet in lot.	When built.	No. of Rooms.	Remarks.
Frothingham....	Gr.	Prospect st., Charlestown..	22,079	1874	16 and hall.	
Gaston	"	East Fifth, cor. L st., S.B.....	35,358	1872	14 and hall.	
George Putnam,	"	Columbus ave., Egleston sq...	31,784	1880	10 and hall.	
George st.....	Pr.	Highlands	18,894	1861	6	
Girls' High.....	H.	West Newton st.....	30,454	1870	66 and hall.	The number of rooms include those for recitation and apparatus.
Girls' Latin	L.					
Gilbert Stuart... Gr.		Richmond st., Dor. Dist.....	30,128	1896	14 and hall.	
Glenway	Pr.	Ward 20.....	25,827	1880	2	
Grant	Gr.	Phillips st., West End	3,744	1852	4	
Hancock	"	Parmenter st., North End ...	31,998	1847	14 and hall.	Cushman school-house on this lot.
Harbor View st.,	Pr.	Dorchester.....	27,808	1883	4	Mayflower school-house on this lot.
Harris.....	Gr.	Adams st., Ward 24.....	37,150	1861	8 and hall.	Little Emily school-house on this lot.
Harvard	"	Devens st., Ch..	16,306	.....	14 and hall.	Ward-room 5 in this building.
Harvard	Pr.	N. Harvard st., Brighton.....	20,750	.....	4	
Harvard Hill....	"	Harvard st., Ch.	4,645	.....	8	
Hawes Hall.....	"	W. Broadway, So. Boston ...	16,647	1823	8	Simmonds school-house on this lot.
Heath st.....	"	Highlands	10,669	1857	2	
Henry L. Pierce,	Gr.	Washington st., Ward 24.....	64,439	1891	12 and hall.	
Hillside	Pr.	Elm st., J. P....	18,613	.....	6	
Hobart st.....	"	Brighton	10,000	1884	2	
Horace Mann... D. M.		{ Newbury st....	8,400	1889	18 & 2 halls.	
Howard ave.....	Pr.					
Howard ave. annex.....	"	Mt. Pleasant, Roxbury	29,090	1882	6	
	"	Howard ave., Dor. Dist.....	.....	1896	2	On lot Howard-ave. school-house.
Howe	"	West Fifth st., So. Boston ...	12,494	1874	8	
Hugh O'Brien .. Gr.		Dudley st. Rox.,	40,554	1887	14 and hall.	
Hugh O'Brien annex .....	"	" " " "	.....	1896	2	On lot with Hugh O'Brien school-house.

SCHOOL-HOUSES. — *Continued.*

NAME.	Grade of School.	Location.	No. feet in lot.	When built.	No. of Rooms.	Remarks.
Hyde	Gr.	Hammond st., Roxbury	20,754	1884	14 and hall.	
Ingraham	Pr.	Sheafe st., N.E.,	2,354	1848	3	
Ira Allen	"	Leon st., Rox...	10,057	1851	4	
John A. Andrew,	Gr.	Dorchester st., South Boston,	24,889	1876	16 and hall.	
Joshua Bates....	Pr.	Harrison ave...	15,237	1884	8	
Lawrence	Gr.	B and W. Third sts., S. B.	14,343	1856	14 and hall.	
Lewis	"	Sherman st., Roxbury	27,850	1868	12 and hall.	
Lincoln	"	East Broadway, South Boston.	24,500	1859	14 and hall.	
Little Emily....	Pr.	Adams st., Dor. ....	.....	1895	1	On lot with Harris school-house.
Longfellow	Gr.	Hewlett, W. R..	21,679	1897	10 and hall.	
Lowell	"	Centre st., Rox.	35,241	1874	14 and hall.	
Lowell annex ..	"	Mozart st., Rox. ....	.....	1896	2	
Lucretia Crocker	Pr.	Parker st., Rox.	30,000	1884	8	
Lyceum Hall	"	Meeting-House Hill, Dor.	21,319	....	6	
Lyman	Gr.	Paris st., E. B..	26,200	1870	14 and hall.	Rebuilt, 1872.
Margaret Fuller,	Pr.	Glen Road, Jamaica Plain	14,252	1892	6	
Martin	Gr.	Huntington av.	28,307	1885	14 and hall.	
Mary Hemenway	"	Adams st., D. D.	30,000	1897	13 and hall.	
Mather	"	Meeting-House Hill, Dor.	123,050	1872	10 and hall.	Old Mather and Bon Homme Richard school- houses on this lot, also Ward- room 20.
Mather	Pr.	W. Broadway, South Boston,	10,160	1842	12	
Mayflower	C. S.	Harbor View st., Dor. Dist. ....	.....	1895	1	
Mayhew	Pr.	Chamber st., West End	14,128	1897	14	
Mead st.	"	Charlestown ...	5,857	1847	4	
Mechanic Arts..	H.	Belvidere st, Back Bay	22,881	1893	16	The number of rooms includes one used as a blacksmith shop.
Medford street..	Pr.	Charlestown ...	12,112	1886	4	
Minot	Gr.	Neponset ave., Dor. Dist.	31,500	1885	7 and hall.	
Mt. Pleasant av.,	Pr.	Highlands	9,510	1847	2	

SCHOOL-HOUSES. — *Continued.*

NAME.	Grade of School.	Location.	No. feet in lot.	When built	No. of Rooms.	Remarks.
Morton st.....	Pr.	Dorchester....	21,115	1895	4	
Mount Vernon..	"	Mt. Vernon st., Ward 23, W. R.,	22,744	....	4 and hall.	
Munroe st.....	"	Highlands.....	13,021	1854	2	
Munroe-st.ann'x	"	Bower st., Rox.,	.....	1897	1	On lot with Munroe-st. school-house.
Noble.....	"	Princeton st., East Boston..	17,500	1874	8	
Norcross	Gr.	D st., S. B.....	12,075	1868	14 and hall.	
N. Margin.....	L. } M. }	N. Margin st., North End ..	1,061	1837	2	
Old Oak sq. ....	....	Brighton	9,796	.....	2	Unoccupied.
Oak sq.....	Pr.	Nonantum st..	20,000	1894	2	
Old Agassiz....	"	Burroughs st., J. P.	.....	.....	6	On lot with Agassiz School.
Old Brighton High .....	....	Chestnut Hill ave., Br.....	54,448	.....	5 and hall.	Unoccupied.
Old Everett	Pr.	Willis st., D. D.,	.....	1855	7	On lot with Edw. Everett.
Old Gibson.....	"	School st., Ward 20.....	53,898	1857	6	
Old Mather.....	"	Meeting-House Hill, Dor. ....	.....	1856	6	On lot with Mather school-house.
Old Roxbury High	Kgt	Kenilworth st., Roxbury	6,990	1861	8	
Parkman.....		Silver st., S. B..	5,306	1848	6	Unoccupied.
Phillips	Gr.	Phillips st., West End	11,190	1862	14 and hall.	
Phillips st.....	Pr.	Highlands	20,355	1867	8	
Phineas Bates...	Gr. } Pr. }	Beech st., W. Roxbury .	37,500	1896	4	
Pierpont	MT	Hudson st.....	4,216	1850	1	Ward-room 7 in this building.
Plummer	Pr.	Lamson and Sumner sts., East Boston..	35,073	1891	10 and hall.	
Polk st.....	"	Charlestown ...	12,143	1878	6	
Poplar st.	"	West Roxbury.	7,842	.....	1	Unoccupied.
Pormort.....	Pr.	Snelling place, West End	4,373	1855	6	
Prescott	Gr.	Elm st., Charles- town	16,269	.....	10 and hall.	
Prescott annex.	MT	Elm st., Charles- town .....	.....	1896	1	On lot with Prescott School.

SCHOOL-HOUSES. — *Continued.*

NAME.	Grade of School.	Location.	No. feet in lot.	When built.	No. of Rooms.	Remarks.
Prince.....	Gr.	Newbury st....	22,960	1875	12 and hall.	Ward-room 11 in this building.
Public Latin....	L.	Warren ave. ....	.....	1877	39 and hall.	On lot with English High School.
Quincy	Gr.	Tyler st.....	12,413	1847	14 and hall.	
Quincy st.....	Pr.	Dorchester	20,000	1882	2	
Quincy st.....	"	Highlands.....	23,453	1875	8	
Rice	Gr.	Dartmouth st...	27,125	1869	14 and hall.	Normal and Rice Training Schools in this building and Ward-room 10 in this building.
Robinson st....	Pr.	Dorchester	25,032	1897	8	
Robert G. Shaw.	Gr.	Hastings st., W. Roxbury .	40,000	1892	8 and hall.	
Roger Clap.....	"	Harvest st., Dor. Dist.....	21,548	1896	10 and hall.	
Roxbury High ..	H.	Warren st.	25,617	1891	19 and hall.	
Roxbury st....	Pr.	Highlands	14,147	1874	8	
Rutland st.....	"	Rutland st.....	7,850	1851	6	
Savin Hill.....	"	Savin Hill ave., Dor. Dist.	20,060	1884	2	
Sharp	"	Anderson st.	5,887	1824	6	
Sherwin.....	Gr.	Madison sq., Roxbury	32,040	1870	16 and hall.	
Shurtleff	"	Dorchester st...	40,553	1869	14 and hall.	
Simonds	Pr.	W. Broadway, South Boston.	.....	1840	3	On Hawes school-house lot.
Skinner	"	Fayette st.	5,238	1870	6	
Smith st.	Kg.	Roxbury	6,952	1849	2	
Somerset st....	Pr.	Ward 6.....	6,300	1824	4	
Stephen M. Weld,	"	Canterbury st., W. Roxbury..	34,266	1895	6	
Stoughton	"	River st, Lower Mills	29,725	1856	8	
Tappan	"	Lexington st., East Boston..	11,500	.....	8	
Thetford st....	"	Dorchester	29,879	1875	8	
Thomas N. Hart,	Gr.	East Fifth st., South Boston,	26,264	1889	13 and hall.	
Thomas N. Hart, annex	Kg.	H st., S. B.	11,477	1895	2	
Ticknor	Pr.	Dorchester st., South Boston,	11,486	1865	12	

SCHOOL-HOUSES. — *Concluded.*

NAME.	Grade of School.	Location.	No. feet in lot.	When built.	No. of Rooms.	Remarks.
Tileston	Gr.	Norfolk st., Ward 24.....	83,640	1868	8 and hall.	
Tuckerman	Pr.	East Fourth st., South Boston,	11,655	1850	6	
Tyler st.....	"	Tyler st.....	3,900	1855	6	
Union st.....	"	Brighton	67,280	.....	2	
Vernon st.	"	Highlands	17,256	1897	10	
Wait	"	Shawmut ave...	16,341	1860	8	
Walnut st.....	"	Neponset, D.D.,	22,790	1856	7	
Ware	Gr.	N. Bennet st. ...	6,439	1852	4	Ward-room 6 in this building.
Warren	"	Summer st., Ch.,	14,322	.....	14 and hall.	
Washington All- ston	"	Cambridge st., Brighton	22,000	1878	10 and hall.	
Washington All- ston annex....	"	Cambridge st., Brighton	11,477	.....	3	
Washington st...	Pr.	Forest Hills....	24,010	.....	2	
Washington st...	"	Germantown, W. R.....	13,130	.....	2	
Way st.....	"	Ward 9	2,508	1850	3	
Webster	"	Webster av., Br.,	19,761	.....	4	Addition built in 1885.
Wells	Gr.	Blossom st., West End	10,770	1868	12 and hall.	Ward-room 8 in this building.
West Concord st.	Pr.	W. Concord st..	10,756	1845	10	Ward-room 12 in this building.
West Roxbury High.....	H.	Elm st., W. R...	47,901	.....	6	
Weston st.....	Pr.	Highlands.....	14,973	1877	8	
Williams.....	"	Homestead st., Roxbury.....	26,145	1892	4	
William H. Kent,	"	Moulton st., Chn.	15,817	1895	6	
William Wirt Warren.....	"	Waverley st., Br.	27,137	1892	6 and hall.	
Winchell	"	Blossom st.....	14,465	1885	12	
Winship.....	"	Dighton pl., Br.	34,366	.....	4	
Winthrop	Gr.	Tremont st.	16,100	1855	14 and hall.	
Winthrop st....	Pr.	Highlands.....	9,775	1857	4	
Wyman	"	Wyman st., J.P.	30,414	1892	6	
Yeoman st.....	"	Highlands.....	18,200	1870	12	
School Commit- tee Building....	....	Mason st.....	7,148	.....	10 and com- mittee chamber.	

Gr., Grammar; Pr., Primary; H., High; Kgt., Kindergarten; L., Latin; D. M., Deaf Mutes; N. & T., Normal and Training; L. M., Licensed Minors; M. T., Manual Training; C. S., Cooking School.

The following lots of land have been bought for school purposes, amounting to 283,357 sq. feet of land.

Adams and Chestnut streets, 20,399 sq. feet of land.

Baker street, W. R., 21,000 sq. feet of land.

Centre street, Dorchester, 60,000 sq. feet of land.

North Bennet street and Prince street, 18,986 sq. feet of land.

Walk Hill street, 30,000 sq. feet of land.

Paul Gore street, 32,346 sq. feet of land.

Marion street, 27,500 sq. feet of land.

Thomas Park, 52,926 sq. feet of land.

School street, Eggleston square, 20,200 sq. feet of land.

HIRED BUILDINGS.

In addition to the foregoing the following rooms have been hired for school purposes. Rent and taxes paid for the same during the year amounted to \$25,815.62 :

Name.	Location.	Remarks.
Kindergarten	7 Byron court, Roxbury.	Rent, \$360 per annum.
Wise Hall.....	South st., Roslindale.....	Rent, \$1,200 per annum.
Wise Building.....	Poplar st., Roslindale.....	" \$1,000 " (Vacated Oct. 1, 1897.)
Wise Building Stores.....	Poplar st., Roslindale.....	Rent, \$480 per annum. (Vacated Oct. 1, 1897.)
Wells Branch.....	Chambers st.....	Rent, \$800 per annum. (One-half cost of gas used.)
Manual Training School..	Eliot st., Jamaica Plain.....	Rent, \$300 per annum.
Day's Chapel.....	Parker st., Roxbury.....	" \$350 "
East Boston Evening Drawing School.....	Stevenson's Block, E. B.....	" \$940 "
Manual Training School..	E st., South Boston	" \$1,900 "
Charles Sumner Branch..	Church, Roslindale	" \$850 " (Vacated Oct. 1, 1897.)
Kindergarten	Unity Chapel, Washington Village, South Boston.....	Rent, \$300 per annum.
Kindergarten	Kettelle building, 34 Adams st., Dorchester.....	Rent, \$540 per annum. (Water-rates.)
Edward Everett Branch..	Athenæum building, Cottage st., Dorchester.....	Rent, \$800 per annum. (Vacated July 1, 1897.)
Hancock Branch.....	North End Union, 20 Par- menter st.....	Rent, \$2,300 per annum.
Kindergarten	32 Parmenter st.	" \$500 "
Lowell Branch.....	Workingmen's building, Cen- tre st., Roxbury.....	" \$600 "

HIRED BUILDINGS. — *Concluded.*

Name.	Location.	Remarks.
East Boston High School Drill Hall.....	E. B. Athletic Ass'n build- ing, Paris st.....	Rent, \$520 per annum. (Vacated March 1, 1897.)
Hancock Branch.....	Lewis block, 115 and 121 Salem st.....	Rent, \$1,200 per annum.
Kindergarten	65 George st., Roxbury.....	" \$360 "
Primary School.....	31 North Russell st.....	" \$1,800 "
Kindergarten	Centre-st. Church, Jamaica Plain	" \$500 "
Kindergarten	Trenton st., E.B.....	" \$600 "
Maverick Chapel.....	Bennington st.....	Rent, \$672 per annum, including heating.
Kindergarten	East Fourth st.....	Rent, \$480 per annum.
Primary and Grammar Classes	Moon st.....	" \$5,400 "
Vernon-st. School.....	Putnam Chapel.....	Rent, \$240 per annum. (Vacated March 1, 1897.)
Carey Hall.....	Clarendon Hills.....	Rent, \$500 per annum. (Vacated April 1, 1897.)
Primary School.....	242 Bennington st.....	Rent, \$480 per annum.
Kindergarten	166 Lauriat ave.....	" \$180 "
Primary School.....	Greenwood Hall.....	" \$720 "
Primary School.....	38 Chambers st.....	" \$600 "
Kindergarten	Boylston Chapel.....	" \$300 "
Primary School.....	341 Centre st.....	" \$480 "
Kindergarten	370 Warren st.....	" \$600 "
Primary School.....	484 East Fourth st.....	" \$400 "
Primary School.....	Washington st., Dor. Dist. ..	" \$360 "
Evening Drawing School,	147 Columbus ave.....	" \$1,300 "
Kindergarten	766 Huntington ave.....	" \$780 "

WARD-ROOMS.

The following list will show the location of the various ward-rooms in this city:

Ward.	Buildings.	Location.
1.....	Chapman school-house.....	Eutaw street.
2.....	Armory building.....	Maverick street.
3.....	Old Winthrop school-house.....	Bunker Hill street, Charlestown.
4.....	Bunker Hill Grammar school-house.	Baldwin street, Charlestown.
5.....	Harvard Grammar school-house....	Devens street, Charlestown.
6.....	Ware Primary school-house.....	North Bennet street.
7.....	Pierpont school-house.....	Hudson street.
8.....	Wells school-house.....	Blossom street.
9.....	Old Franklin school-house.....	Washington street.
10.....	Rice school-house.....	Appleton street.
11.....	Prince school-house.....	Exeter street.
12.....	School-house.....	West Concord street.
13.....	Spellman Hall.....	West Broadway.
14.....	Gray's Hall.....	East Broadway.
15.....	Court-room, South Boston.....	Dorchester and W. Fourth streets.
16.....	Winthrop Hall.....	Upham's Corner.
17.....	Old church building.....	Dudley street.
18.....	Old bath-house.....	Cabot street.
19.....	Old pumping-station.....	Elmwood street.
20.....	Ward-room building.....	Meeting-House Hill.
21.....	Dudley-street Opera House.....	Dudley street.
22.....	Tomfohrde Hall.....	Boylston Station.
23.....	Minton Hall.....	Forest Hills Station.
24.....	Dorchester Hall.....	Field's Corner, Dorchester.
25.....	Old Town Hall.....	Washington street, Brighton.

